

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
1 July 2004 (01.07.2004)

PCT

(10) International Publication Number
WO 2004/054538 A1

(51) International Patent Classification⁷: **A61K 9/00,**
A61P 31/00

Selma, Marianne [NL/NL]; Generaal Gavinstraat 3,
NL-6585 WL Mook (NL).

(21) International Application Number:
PCT/EP2003/014051

(74) Agents: **MESTROM, J.J.L.** et al.; Intervet International B.V., P.O. Box 31, NL-5830 AA Boxmeer (NL).

(22) International Filing Date:
10 December 2003 (10.12.2003)

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English
(26) Publication Language: English

(84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(30) Priority Data:
02080265.8 16 December 2002 (16.12.2002) EP

Published:
— with international search report

(71) Applicant (*for all designated States except US*): **AKZO NOBEL N.V. [NL/NL]**; Velperweg 76, NL-6842 BM Arnhem (NL).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **COX, Peter, Gerardus, Franciscus** [NL/FR]; L'oree du Bois, Les Petites Harencheres, F-49080 Bouchemaine (FR). **LOHUIS, Joseph, Antonius, Clemens, Maria** [NL/NL]; Melingstraat 41, NL-5831 BW Afferden (NL). **HENSEN,**

WO 2004/054538 A1

(54) Title: MASTITIS TREATMENT

(57) Abstract: A pharmaceutical composition for intramammary administration to a nonhuman mammal comprising an antibacterial agent and prednisolone wherein the composition comprises at least 20 mg of prednisolone and its use for the treatment of clinical mastitis.